

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of
Grueneberg et al.

Examiner: **To Be Assigned**

Application No.: **10/574,416**

Art Unit: **1645**

Filed: **March 31, 2006**

Title: **Retroviral Vectors For Delivery of
Interfering RNA**

**INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. 1.56, 1.97 AND 1.98**

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

02/24/2008

Applicants submit herewith patents, publications, and other information of which they are aware, which they believe may be material, as defined in 37 C.F.R. 1.56(b), to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 C.F.R. 1.56(a). While the information referred to in this Information Disclosure Statement may be material pursuant to 37 C.F.R. 1.56(b), the filing of this Information Disclosure Statement is not intended to, pursuant to 37 C.F.R. 1.97(h), constitute an admission that any patent, publication or other information referred to is, or is considered to be, material to the patentability of this invention. Pursuant to 37 C.F.R. 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information exists.

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- ☐ (b) This Information Disclosure Statement is filed after the period set forth in 37 C.F.R. 1.97(b), but is believed to be filed before the mailing date of a final action under §1.113 or a notice of allowance under §1.311, whichever occurs first.
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- ☐ (3) This Information Disclosure Statement is accompanied by a transmittal letter in which payment of the fee set forth in §1.17(p) and required by 37 C.F.R. 1.97(c) is authorized.

Respectfully submitted,



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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet	1	of	2
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Complete if Known

Application Number	10/574,416
Filing Date	03-31-2006
First Named Inventor	GRUENEBERG
Group Art Unit	1645
Examiner Name	To Be Assigned
Attorney Docket Number	USA2002/0187 - US - PCT

U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 2 of 2

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First Named Inventor	GRUENEBERG
Group Art Unit	1645
Examiner Name	To Be Assigned
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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials ¹	Cite No. ²	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/K.C./		DEVROE et al., Retrovirus-delivered siRNA, BMC Technology, Biomed Central, Aug. 28, 2002, pp. 1-5	
/K.C./		LIEBERMAN et al., Interfering with disease: opportunities and roadblocks to harnessing RNA interference, Trends in Molecular Medicine, Sept. 2003, Vol. 9, No. 9, pp. 397-403	
/K.C./		LIU et al, Short hairpin RNA and retroviral vector-mediated silencing of p53 in mammalian cells, Biochem. & Biophys. Res. Comm., Oct. 12, 2004, Vol. 324, No. 4, pp. 1173-1178	
/K.C./		MITTA et al., Advanced modular self-inactivating lentiviral expression vectors for multigene interventions in mammalian cells and in vivo transduction, Nucleic Acids Research, Nov. 1, 2002, Vol. 30, No. 21, pp. E113.1 to E113.18	
/K.C./		TISCORNIA et al., A general method for gene knockdown in mice by using lentiviral vectors expressing small interfering RNA, PNAS, Vol. 100, No. 4, Feb. 18, 2004, pp. 1844-1848	
/K.C./		RUBINSON et al., A lentivirus-based system to functionally silence genes in primary mammalian cells, stem cells and transgenic mice by RNA interference, Nature Genetics, Vol. 33, No. 3, March 2003, pp. 401-406	

Examiner
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/Kimberly Chong/

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